



## *SfS Away from the Classroom!*

### *LS10: Sustainability (Recommended for Grades 3-8)*

**Please use the following resources to learn about Sustainability and the Tragedy of the Commons.**

**Watch this Video:** <https://www.youtube.com/watch?v=CxC161GvMPc>

#### **Answer these questions:**

- How would you explain what the tragedy of the commons is?
- Can you describe two examples from the video that illustrate the tragedy of the commons?
- Can you think of a solution to one of the problems you described in the previous question?

**Activities:** Follow these directions to learn about sustainability and avoiding the tragedy of the commons.

You will need:

<ul style="list-style-type: none"><li>• access to a computer and WiFi</li></ul>	<ul style="list-style-type: none"><li>• pencil</li><li>• paper</li></ul>
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Step 1: Visit the following website <https://cloudinstitute.org/fish-game>

Step 2: Read all of the directions and play the online fishing game. (In the game you will be fishing with two other fisher folk, and all of you will be trying to have as many fish as possible at the end of the game.)

Step 3: As you are playing, make notes as to what your strategy will be. How will you win the game?

Step 4: Play as many rounds as needed to win.

#### **Make observations & use Claims, Evidence, and Reasoning!**

1. **Claim:** If I chose to catch as many fish as possible, the situation I create will NOT be sustainable.
  - **Evidence:**
  
  - **Reasoning:**
  
2. **Claim:** A strategy that allowed me to complete the game and have everyone win was sustainable.
  - **Evidence:**
  
  - **Reasoning:**